

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A lens comprising:

an infrared ray insulating dielectric multilayer film which filters infrared rays, and which is disposed on a substantially flat refractive surface of a glass plane-convex lens;

wherein the glass plane-convex lens comprises a flat refractive surface on one side and a convex refractive surface on an opposite side;

wherein a transmittance characteristic of the infrared ray insulating dielectric multilayer film decreases from 90% to 10% in a range of a mesial magnitude between 600 nm and 700 nm;

and

wherein a width of wavelengths, within which the transmittance characteristic decreases from 90% to 10% in the range of the mesial magnitude, is at least 40 nm.
2. (previously presented): A lens according to claim 1, wherein the glass plane-convex lens is constructed in such a manner that projections constituting the convex surface of the convex lens are formed integrally on one side of the flat surface.
3. (canceled):
4. (previously presented): A lens according to claim 2, wherein a geometric center of a contour of the flat surface coincides with an optical axis of the glass plane-convex lens.

5. (withdrawn): A method of manufacturing a lens with an infrared ray filter comprising: a molding step for molding a multi-cavity lens molding having a plurality of projections constituting refractive surfaces of the convex surfaces of the convex lenses formed integrally on the surface of the flat plate with glass; a film-forming step for providing an infrared ray insulating dielectric multilayer film for cutting the infrared rays on either one of the surfaces of the multi-cavity lens molding; and a cutting step for cutting the portions of the flat plate of the multi-cavity lens molding provided with the infrared ray insulating dielectric multilayer film into individual projections.

6. (withdrawn): A method of manufacturing a lens with an infrared ray filter according to claim 5, characterized in that the multi-cavity lens molding includes the projections being different in shape from each other.

7. (withdrawn): A method of manufacturing a lens with an infrared ray filter according to claim 5 or claim 6, characterized in that alignment marks for aligning are transferred on the surface of the flat plate of the multi-cavity lens molding in the molding step.

8. (withdrawn): A method of manufacturing a lens with an infrared ray filter according to claim 7, characterized in that the alignment mark is transferred along cutting lines to be cut in the cutting step on the flat surface of the flat plate into a V-groove in cross-section, and the cutting

step is a step of cutting by a dicing blade so as to leave the portion in the vicinity of both edges of the V-groove.

9. (currently amended): A camera comprising:

a solid-state image sensing device which converts a received light beam into an electric signal;

a housing covering around the solid-state image sensing device and having an opening;
and

a lens comprising an infrared ray insulating dielectric multilayer film which filters infrared rays, and which is disposed on a substantially flat refractive surface of a glass plane-convex lens,

wherein the glass pane-convex lens comprises a flat refractive surface on one side and a convex refractive surface on the other side, as the entire portion or a part of a lens system for converging a light beam received through the opening onto the solid-state image sensing device;

wherein a transmittance characteristic of the infrared ray insulating dielectric multilayer film decreases from 90% to 10% in a range of a mesial magnitude between 600 nm and 700 nm;
and

wherein a width of wavelengths, within which the transmittance characteristic decreases from 90% to 10% in the range of the mesial magnitude, is at least 40 nm.

10. (new): A lens according to claim 1, wherein the width of wavelengths wherein the transmittance characteristic decreases from 90% to 10% in the range of the mesial magnitude is not more than 100 nm.

11. (new): A camera according to claim 9, wherein the width of wavelengths wherein the transmittance characteristic decreases from 90% to 10% in the range of the mesial magnitude is not more than 100 nm.